



REMARKS

In response to the Notice to Comply regarding Sequence Listings, Applicants respectfully submit a new paper and computer readable copy of the sequence listing, with appropriate statements under 37 C.F.R. §1.821(f).

The specification has been amended for entry of the new sequence listing as well as correcting an editorial oversight at page 77.

Figure 6E, 7E and 11D have been amended to include the appropriate sequence identifier.

Applicants respectfully take the position that no new matter is added by these amendments to both the specification and drawings.

Applicants respectfully reiterate that the continuing data for this application, as entered in the Amendment mailed 12 April 2002, should read as follows:

This application is a continuation of U.S. application serial no. 08/702,502, which is the §371 U.S. national phase prosecution of PCT international application serial no. PCT/US95/02633, filed March 3, 1995, now abandoned, which is a continuation-in-part of U.S. application serial no. 207,526, filed March 7, 1994, now abandoned.

Respectfully submitted,

Date:

FEBRUARY 12, 2004

By:

J. Mark Hand

J. Mark Hand

Reg. No. 36,545

Attorney for Applicant

Merck & Co., Inc.

P.O. Box 2000

Rahway, NJ 07065-0907

(732) 594-3905



Appln. No. 09/393,803
Amendment dated Feb 12, 2004
Reply to Office Action of Jan. 16, 2004
Annotated Sheet Showing Changes

4001 ACCGCGCCAC ATAGCAGAAC TTTAAAAGTG CTCATCATTG GAAAACGTTT
4051 TTCGGGGCGA AAACCTCTCA GGATCTTACC GCTGTTGAGA TCCAGTTCCA
4101 TGTAACCCAC TCGTGCACCC AACTGATCTT CAGCATCTTT TACTTTCACC
4151 AGCGTTTCTG GGTGAGCAAA AACAGGAAGG CAAAATGCCG CAAAAAGGG
4201 AATAAGGGCG ACACGGAAAT GTTGAATACT CATACTCTTC CTTTTCAAT
4251 ATTATTGAAG CATTTATCAG GGTATTGTC TCATGAGCGG ATACATATTT
4301 GAATGTATTT AGAAAAATAA ACAAATAGGG GTTCGGCGCA CATTTCCTCC
4351 AAAAGTGCCA CCTGACGTCT AAGAAACCAT TATTATCATG ACATTAACCT
4401 ATAAAAATAG GCGTATCAG AGGCCCTTTC GTC (SEQ ID NO: 12)

FIG.6E

ADD
SEQUENCE
IDENTIFIER



Appln. No. 09/393,803
Amendment dated Feb 12, 2004
Reply to Office Action of Jan. 16, 2004
Annotated Sheet Showing Changes

4151 CAAACAGGAA TCGAATGCAA CCGGCGCAGG AACACTGCCA GCGCATCAAC
4201 AATATTTTCA CCTGAATCAG GATATTCTTC TAATACCTGG AATGCTGTTT
4251 TCCCGGGGAT CGCAGTGGTG AGTAACCATG CATCATCAGG AGTACGGATA
4301 AAATGCTTGA TGGTCGGAAG AGGCATAAAT TCCGTCAGCC AGTTTAGTCT
4351 GACCATCTCA TCTGTAACAT CATTTGGCAAC GCTACCTTTG CCATGTTTCA
4401 GAAACAAC TC TGGCGCATCG GGCTTCCCAT ACAATCGATA GATTGTCCGA
4451 CCTGATTGCC CGACATTATC GCGAGCCCAT TTATACCCAT ATAAATCAGC
4501 ATCCATGTTG GAATTTAATC GCGGCCTCGA GCAAGACGTT TCCCGTTGAA
4551 TATGGCTCAT AACACCCCTT GTATTACTGT TTATGTAAGC AGACAGTTTT
4601 ATTGTTTCATG ATGATATATT TTTATCTTGT GCAATGTAAC ATCAGAGATT
4651 TTGAGACACA ACGTGGCTTT CCCCCCCCCC CCATTATTGA AGCATTTATC
4701 AGGGTATTG TCTCATGAGC GGATACATAT TTGAATGTAT TTAGAAAAAT
4751 AAACAAATAG GGGTTCCGGG CACATTTCCC CGAAAAGTGC CACCTGACGT
4801 CTAAGAAACC ATTATTATCA TGACATTAAC CTATAAAAAT AGCGGTATCA
4851 CGAGGCCCTT TCGTC (SEQ ID NO:14)

ADD
SEQUENCE
IDENTIFIERS

FIG.7E



Appln. No. 09/393,803
Amendment dated Feb 12, 2004
Reply to Office Action of Jan. 16, 2004
Annotated Sheet Showing Changes

4201 AATATTTTCA CCTGAATCAG GATATTCTTC TAATACCTGG AATCCTGTTT
4251 TCCCGGGGAT CGCAGTGGTG AGTAACCATG CATCATCAGG AGTACGGATA
4301 AAATGCTTGA TGGTCGGAAG AGGCATAAAT TCCGTCAGCC AGTTTACTCT
4351 GACCATCTCA TCTGTAACAT CATTGGCAAC GCTACCTTTG CCATGTTTCA
4401 GAAACAACCTC TGGCGCATCG GGCTTCCCAT ACAATCGATA GATTGTCCGA
4451 CCTGATTGCC CGACATTATC GCGAGCCCAT TTATACCCAT ATAAATCAGC
4501 ATCCATGTTG GAATTTAATC GCGGCCTCGA GCAAGACGTT TCCCGTTGAA
4551 TATGGCTCAT AACACCCCTT GTATTACTGT TTATGTAAGC AGACAGTTTT
4601 ATTGTTTCAT ATGATATATT TTTATCTTGT GCAATGTAAC ATCAGAGATT
4651 TTGAGACACA ACGTGGCTTT CC (SEQ ID NO:100)

ADD
SEQUENCE
IDENTIFIER

FIG.11D